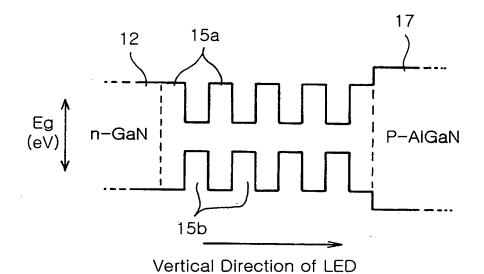


Inventor: Sun Woon KIM Docket No. 2336-242

2/6



PRIOR ART

FIG. 1b

Inventor: Sun Woon KIM Docket No. 2336-242

3/6

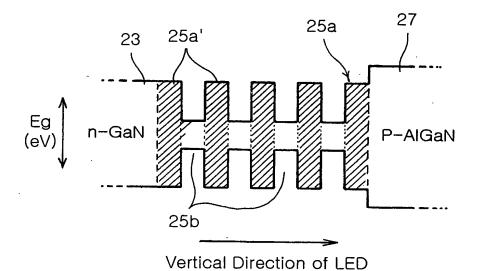
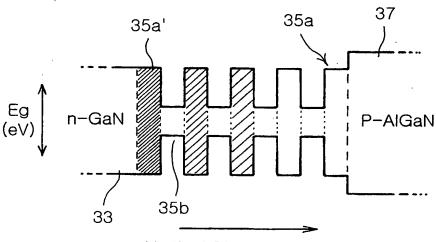


FIG. 2a

PRIOR ART



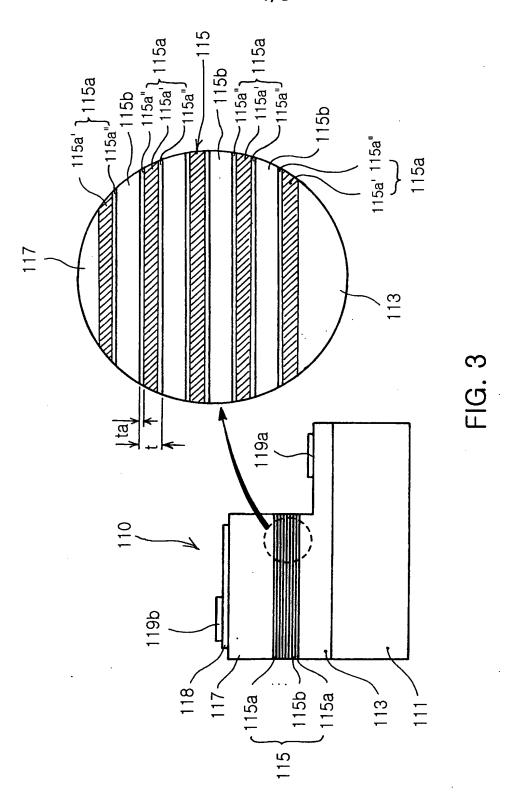
Vertical Direction of LED

FIG. 2b PRIOR ART

NITRIDE-BASED SEMICONDUCTOR DEVICE Inventor: Sun Woon KIM

Docket No. 2336-242





Inventor: Sun Woon KIM Docket No. 2336-242

5/6

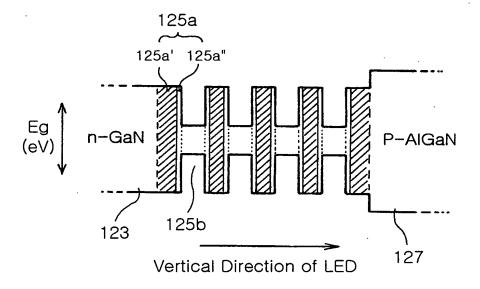


FIG. 4a

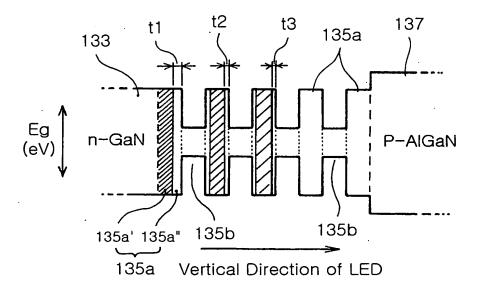
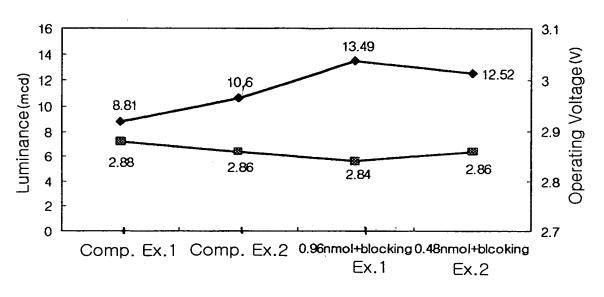


FIG. 4b

NITRIDE-BASED SEMICONDUCTOR DEVICE

Inventor: Sun Woon KIM Docket No. 2336-242

6/6



Quanturm Barrier Doping Structure

FIG. 5